U.S. Department of Commerce, Patent and Trademark Office	Attorney Docket No.:	1005-0018
	Application No.:	09/627,571
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant(s):	Haixiang Liang
(Use several sheets if necessary)	Filing Date:	July 28, 2000
	Group Art Unit:	2634
	Date Submitted:	November 7, 2000

OIPE NOV 13 2000 JC56 PATENT & TRADEMARK OFFICE

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
ek	AA	6,118,813	Sep. 12, 2000	Lai	375	231	
ek	AB	6,115,395	Sep. 5, 2000	Norrell et al.	370	523	
ek	AC	6,108,354	Aug. 22, 2000	Scull et al.	370	523	
ek	AD	6,104,730	Aug. 15, 2000	Marks	370	523	
ek	AE	5,999,109	Dec. 7, 1999	Norrell et al.	341	58	
ek	AF	5,970,103	Oct. 19, 1999	Townshend	375	340	
ek	AG	5,875,229	Feb. 23, 1999	Eyuboglu et al.	379	1	
ek	AH	5,859,872	Jan. 12, 1999	Townshend	375	242	
ek	AI	5,835,538	Nov. 10, 1998	Townshend	375	295	
ek	AJ	5,809,075	Sep. 15, 1998	Townshend	375	254	
ek	AK	5,801,695	Sep. 1, 1998	Townshend	375	340	

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		Document	Date	Country	Class	Subclass	Translation Yes	Translation No
	AL							
	AM							
	AN							
	AO							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	PN-3857 Draft-15, "North-American Telephone Network Transmission Model for Evaluating Analog Client and Digitally Connected Server Modems," "Telecommunications Industry Association Standard Draft, May 2000, pp *i*-97.
	AQ	"A Digital Modem and Analogue Modem Pair for Use on the Public Switched Telephone Network (PSTN) at Data Signalling Rates of up to 56 000 Bit/s Downstream and up to 33,600 Bit/s Upstream," Series V: Data Communication Over the Telephone Network, Simultaneous transmission of data and other signals, ITU-T, V.90, Sept. 1998, 51 pages.
ek	AR	U.S. Pat. App. No. 09/447,142, entitled "Deterministic Distortion Insensitive Adaptive Receiver Using Decision Updating," filed Nov. 23, 1999 by inventor Mark Gonikberg, 28 pages.
ek	AS	U.S. Pat. App. No. 09/627,572, entitled, "Categorization of Impairments Affecting a Communication Channel," filed July 28, 2000, by inventor Haixiang Liang, 54 pages.
ek	AT	U.S. Pat. App. No. 09/627,573, entitled, "Impairment Compensation Sequence for Communication," filed July 28, 2000, by inventor Haixiang Liang, 51 pages.

Examiner	Date Considered
Eric Chang	12/23/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office #4	Attorney Docket No.: *1005-0018*
	Application No.: *09/627,571*
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant(s): *Haixiang Liang*
(Use several sheets if necessary)	Filing Date: *July 28, 2000*
	Group Art Unit: *2734*
	Date Submitted: *November 16, 2000*

OIPE SEC 105 NOV 21 2000 PATENT & TRADEMARK OFFICE

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U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents

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		Document	Date	Country	Class	Subclass	Yes	No
ok	AL	WO 99/21288	14 Oct. 1998	WO	—	—		
ok	AM	WO 98/17044	15 Oct.1997	WO	—	—		
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	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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	AS	
	AT	

Examiner Edith Chang	Date Considered 12/27/03

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U.S. Department of Commerce, Patent and Trademark Office	**Attorney Docket No.:** *1005-0018*
	Application No.: *09/627,571*
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	**Applicant(s):** *Haixiang Liang*
(Use several sheets if necessary)	**Filing Date:** *July 28, 2000*
	Group Art Unit: *2734*
	Date Submitted: *December 14, 2000*

OIPE JC14 DEC 21 2000 PATENT & TRADEMARK OFFICE

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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		Document	Date	Country	Class	Subclass	Yes	No
ok	AL	99/12267 A2	11 Mar. 1999	WO	—	—		
ok	AM	99/37051 A2	22 Jul. 1999	WO	—	—		
ok	AN	99/56156 A2	16 Dec. 1999	WO				
	AP							

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	AR	
	AS	
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Examiner ok/Chang	**Date Considered** 12/23/03

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U.S. Department of Commerce, Patent and Trademark Office	Attorney Docket No.: *1005-0018*
	Application No.: *09/627,571*
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant(s): *Haixiang Liang*
(Use several sheets if necessary)	Filing Date: *July 28, 2000*
	Group Art Unit: *2634*
	Date Submitted: *February 28, 2001*

OIPE JC100 MAR 02 2001 PATENT & TRADEMARK OFFICE

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U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
ok	AL	98/45977	15 Oct. 1998	WO	—	—		
ok	AM	99/34504	8 Jul. 1999	WO	—	—		
ok	AN	99/34566	8 July 1999	WO	—	—		
ok	AO	99/38299	29 July 1999	WO	—	—		
ok	AP	99/65156	16 Dec. 1999	WO	—	—		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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	AS	
	AT	

Examiner	Date Considered
Chieh Kuang	12/23/03

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